

ky=0.437, ind=74, f1=0.951kHz, f2=5.742kHz, LfE=2, HfE=2

$T_1=1051.10\mu\text{s}$, $T_2=174.16\mu\text{s}$

$f_1 = 0.95\text{kHz} * (1 \pm 1.101e-01)$, $f_2 = 5.74\text{kHz} * (1 \pm 1.303e-01)$

$\tau_1=875.91\mu\text{s} * (1 \pm 1.738e-01)$, $\tau_2=62.16\mu\text{s} * (1 \pm 1.200e-01)$

$a_1=0.04 * (1 \pm 3.070e-01)$, $a_2=0.20 * (1 \pm 9.690e-02)$

$s_0=0.38 * (1 \pm 1.975e-02)$, $t_0=720.95 * (1 \pm 3.323e-01)$, $a_0=0.12 * (1 \pm 1.562e-01)$

$\varphi_1=0.46\pi * (1 \pm 2.441e-01)$, $\varphi_2=-0.05\pi * (1 \pm 1.149e+00)$

s

0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2

t/ μs

$$S = a_1 e^{-t^2/\tau_1^2} \cos(2\pi f_1 t + \varphi_1) + a_2 e^{-t^2/\tau_2^2} \cos(2\pi f_2 t + \varphi_2) + a_0 e^{-t/\tau_0} + s_0$$

